

The Buckleys LVPD utilises the wet sponge and provides a quick and cost effective method of non-destructively testing dielectric coatings on conductive substrates up to 500µm.



FEATURES

- Simple and ready to use
- Accurate and versatile
- Automatic self-test ensures detector accuracy
- Multiple test voltages
- Battery level indication
- Audible and visual alarms
- User defined preset option
- Complies with many standards
- Displays the test voltage
- Displays leakage current in micro amps

ADDITIONAL INFORMATION

- Maximum permissible safety voltages up to which personnel and equipment can be exposed are defined in international safety codes and standards.
- It is necessary to give consideration to earthing measures to keep the magnitude of AC voltages within acceptable limits.
- Powered by 4 AAA batteries
- Accuracy ± 3%
- Unit weight (including batteries) 210g
- May be used in accordance with standards:

NACE TM0384-2002	NACE RP0188-99
BS 7793-2	AS 3894.2-2002
BS EN ISO 8289 (1)	ISO 8289 A
BS EN ISO 8289 (2)	BS EN 14654

Note: Due to ongoing technical developments, all stated information is typical and is subject to change without notice or obligation.

The LVPD offers six preset ranges; five are factory set and one is user defined. The LVPD features a two line eight character LCD which displays the test voltage and DC leakage current in micro-amps. The LCD also displays the battery status, the preset currently in use and the user selectable options.

The LVPD features a power up self-test which verifies the unit is functioning correctly therefore increasing operator confidence in test results. The LVPD features closed loop circuitry that ensures excellent test voltage regulation throughout the complete sensitivity range.

The LVPD1 kit includes the Low Voltage Pinhole Detector, leads, wet sponge wand with extension rod, batteries, 30ml of wetting agent and operating instructions.

TECHNICAL SPECIFICATION

Preset	Voltage	Sensitivity
P1	9V	90
P2	24V	90
P3	67.5V	125
P4	67.5V	90
P5	90V	400
P6	User	User

User defined preset voltage and sensitivity range:

Output voltage	Sensitivity
9V – 60V	<=80kΩ – <=400kΩ (5kΩ steps)
61V – 90V	<=120kΩ – <=400kΩ (5kΩ steps)

ACCESSORIES AVAILABLE:

 LV01 Sponge Roller Electrode 6005-0036	 LV02 Sponge with Centre Hole 6005-0037	 LV03 Set of 5 Roller Sponges 6005-0038	 AW18 Red Connector Lead 6005-0046
 LV04 LVPD Handle Pole 6005-0261	 LV05 LVPD Handle 6005-0262	 A55 Bottle of Wetting Agent 6005-0085	 LV06 200m Stainless Steel Wire 6005-0263

AFTER SALES SERVICE / TECHNICAL SUPPORT

All Buckleys products are manufactured under the controls established by a quality management system that meets the requirements of BS EN ISO 9001:2008 and are supplied with a one year 'back-to-base' warranty. The equipment is proven to be robust and reliable and will give years of service if maintained in accordance with our instructions.

Annual re-calibration is recommended for this product. Buckleys provide full repair and calibration facilities; offering a fast turn-around service for customers' equipment.

Advice on specific applications for all Buckleys products is available from our technical department. Contact us by telephoning, sending a fax or by e-mail using the contact details below.

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